Maxwell

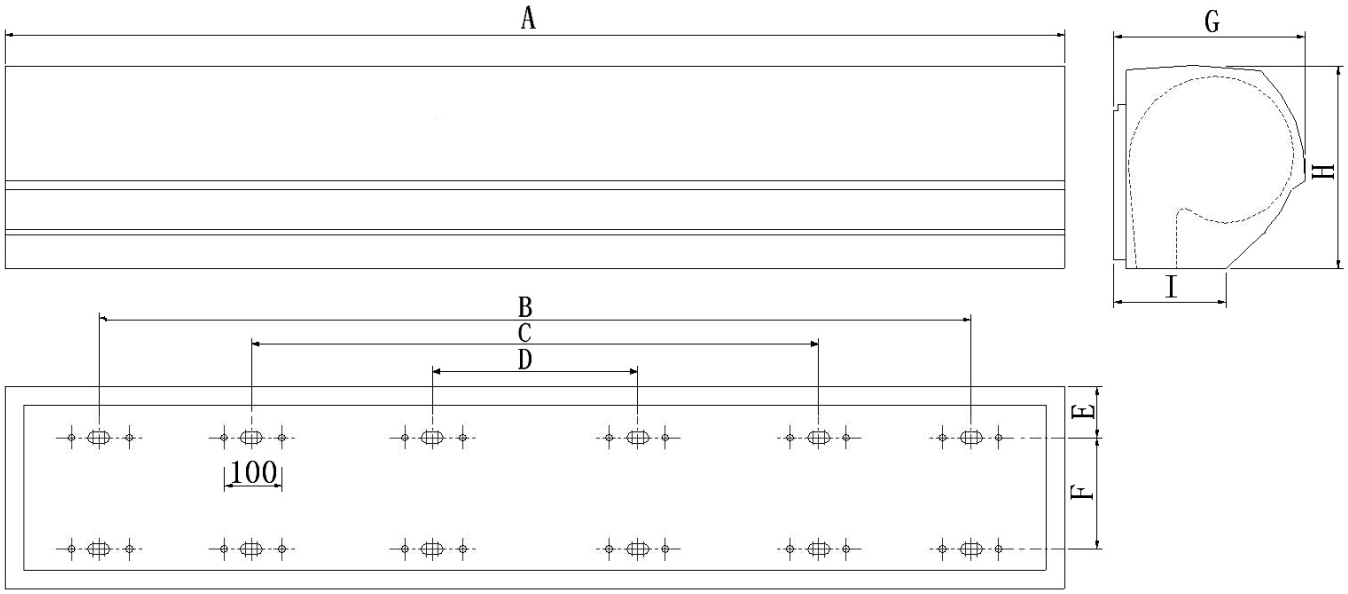
USER'S MANUAL

AIR CURTAIN

MASF036-N1
MASF048-N1
MASF060-N1

THANKS FOR PURCHASING AIR CURTAIN, PLEASE READ IT CAREFULLY BEFORE USING

1、IDENTIFICATION & INSTALLATION DIMENSIONS



Units: in

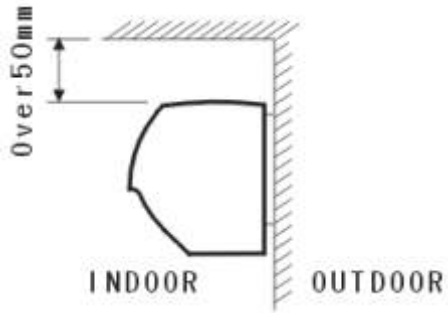
MODEL	A	B	C	D	E	F	G	H	I
MASF036-N1	35.4	27.4	---	---	1.8	3.9	8.5	9.1	4.8
MASF048-N1	47.2	39	11.6	---					
MASF060-N1	59	50.6	19.8	---					

2、INSTALLATION CAUTION

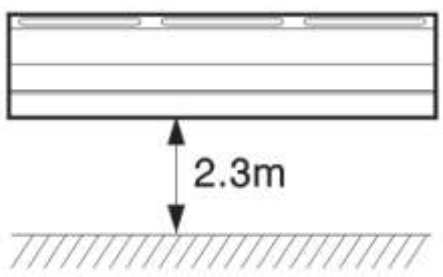
Must follow the following asking when installing air curtain：

2.1 Please install the unit in a sturdy place to avoid the shaking and ensure its security (because it maybe cause the wall becoming flexible or shaking and noise.

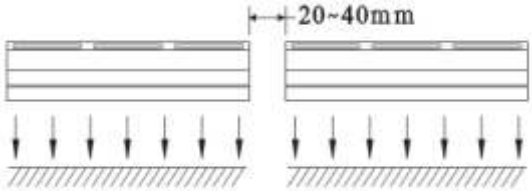
2.2 Please install the unit inside the room.

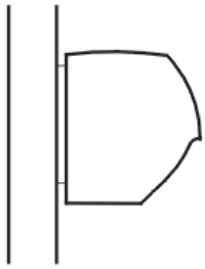
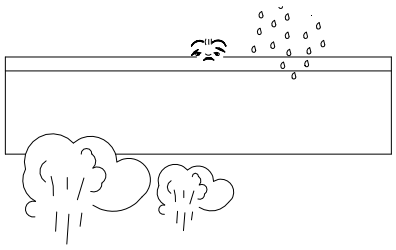


2.3 Don't install the unit too low, no less than 2.3 meter from the ground.



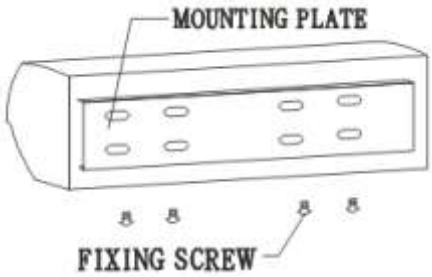
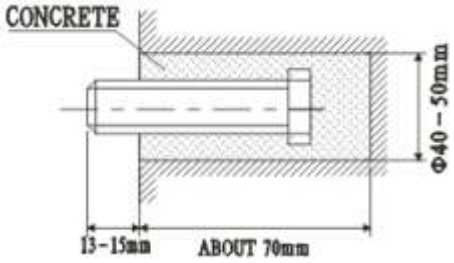
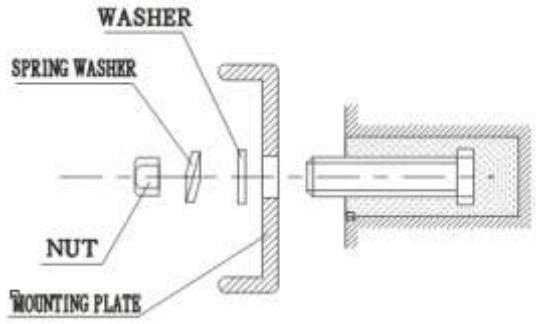
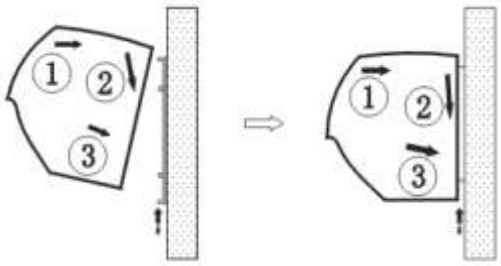
2.4 When the entrance is wider than the unit, it is recommended to install two or more units in parallel. In this case, provide 20-40mm gaps between the units.



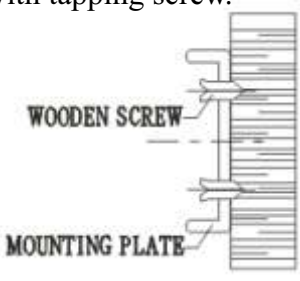
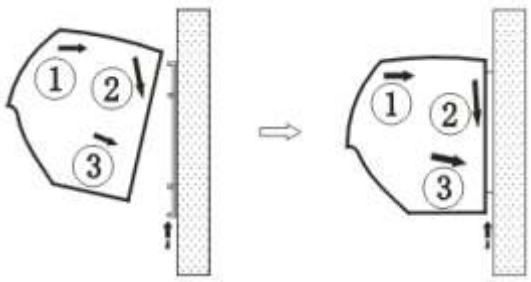
2.5 Don't allow gaps between the unit and the wall. When hanging it from the ceiling, using the enclosed ceiling braskets. 	2.6 Don't install the unit in a place where it is splashed by water, exposed to excessive steam, explosive gas or corrosive gas. 

3、INSTALLATION

A Installing on the concrete wall:

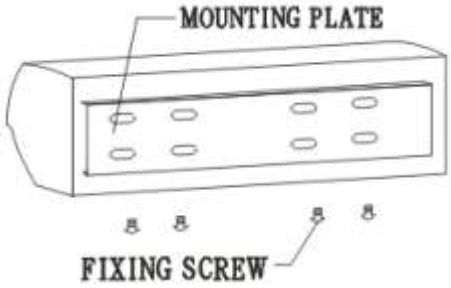
3.1.1 Removed the mounting plate Unclamping the fixed screws on the back of main body to removed the mounting plate. 	3.1.2 Fix the bolts in the proper position (Decide the position with the mounting plate and pour cement into the bolt holes.) 
3.1.3 When the cement has freeze, fit the mounting plate (use the washer and nut according to the following) 	3.1.4 Install the main body Set the main body onto the upper end of the mounting plate and clamp it as shown. 

B、Installing on the wooden wall

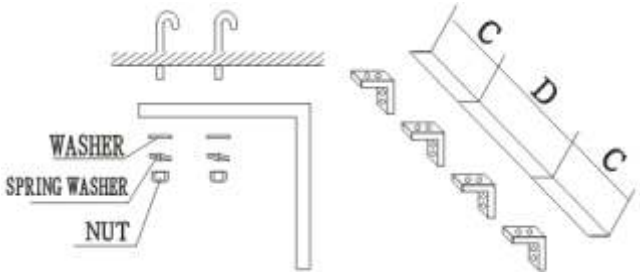
3.2.1 Fix the mounting plate in the proper positions with tapping screw. 	3.2.2 Same as the step 3 of A 

C、 Hanging from the ceiling

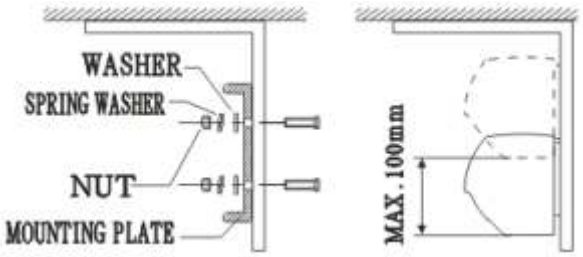
3.3.1 Remove the mounting plate from main body (Same as step3.1.1)



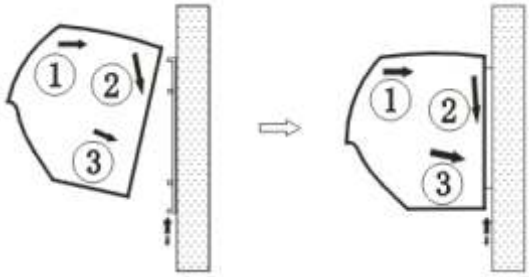
3.3.2 Fixing ceiling brackets as Fig.



3.3.3 Set the mounting plate on the ceiling brackets and ensure safe & fixing (use the bolts attached to the ceiling brackets as Fig. Using the ceiling brackets to hang from the ceiling, the position of mounting plate can be adjusted in the limit of 100mm.

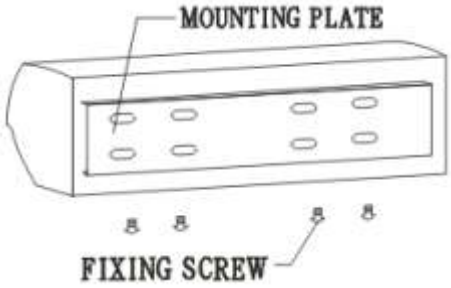


3.3.4 Do the same as step A to install the main body.

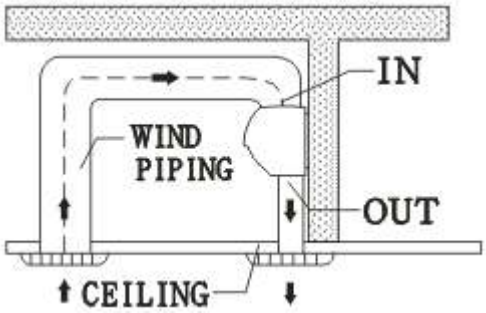


D、 For above ceiling

3.4.1 Fix the air curtain as in the procedure for installing on the concrete wall.



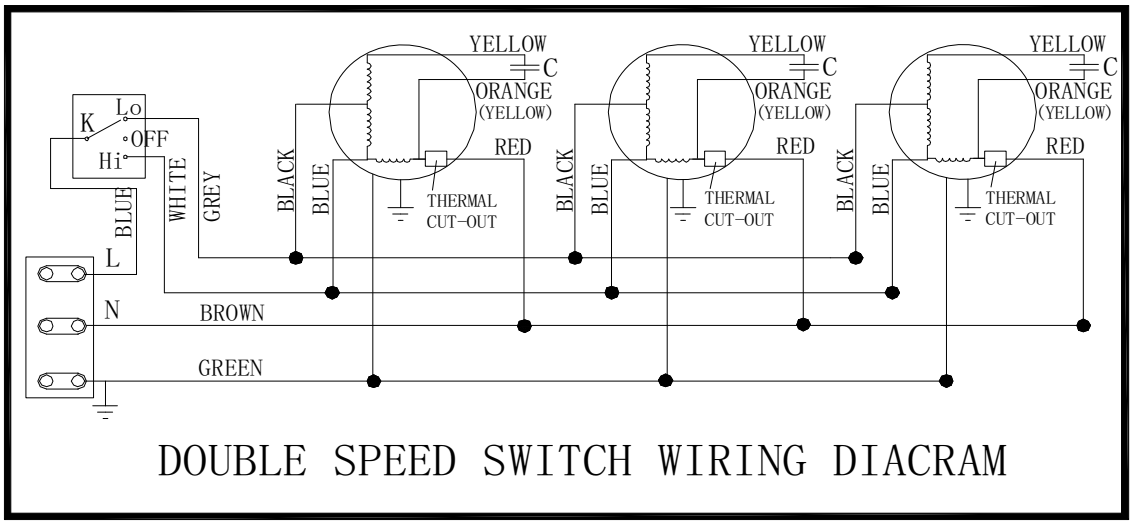
3.4.2 Then pipe as below Fig. Instructs.



4、TECHNICAL PARAMETER

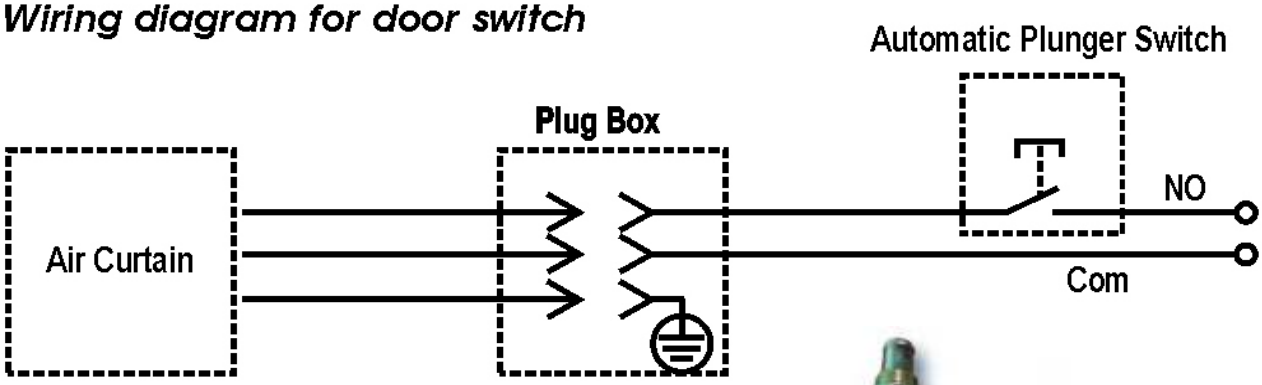
MODEL	Volt. (V~)	Freq (Hz)	Max input power (W)		Max air speed (ft/s)		Air volume (cfm)		Noise (dB)		Net weight (LBS)
			H	L	H	L	H	L	H	L	
MASF036-N1	110	60	230	200	52.5	42.7	647	530	52	49	28.7
MASF048-N1			290	260			883	707	53	50	34.2
MASF060-N1			380	350			1120	883	55	52	44

5、ELECTRIC WORK



DOUBLE SPEED SWITCH WIRING DIACRAM

Wiring diagram for door switch



Optional door switch & weather proof cover
Save energy & eliminate unnecessary air circulation

COM – common
NO – normally open
NC – normally close

6、OPERATION

6.1 Turn on the power switch
6.2 Select the best speed：High[H]、Low[L]
6.3 According to the installation place to adjust the wind direction parts to obtain the best effect.

7、CAUTIONS

a)、Use the unit at the rated voltage and frequency indicated on the nameplate.
b)、Disconnect power source before unit operation.
c)、Routing maintenance must be done every year.
d)、Never use petrol,benzese,thinner or any other such chemical for clearing the unit.
e)、Don't allow water or anything enter the motor.
f)、When power supply comes from socket, the plug must accord with IEC335-1.When the power cord is connected with charging line directly, all polarity switches that the contact gap is 3mm at least must be installed in the charging line.

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